

DRAWINGS

E-Learning Biometric Identification
Information System
Contact: Esther M. Pearson
(978) 448-6319

Overview

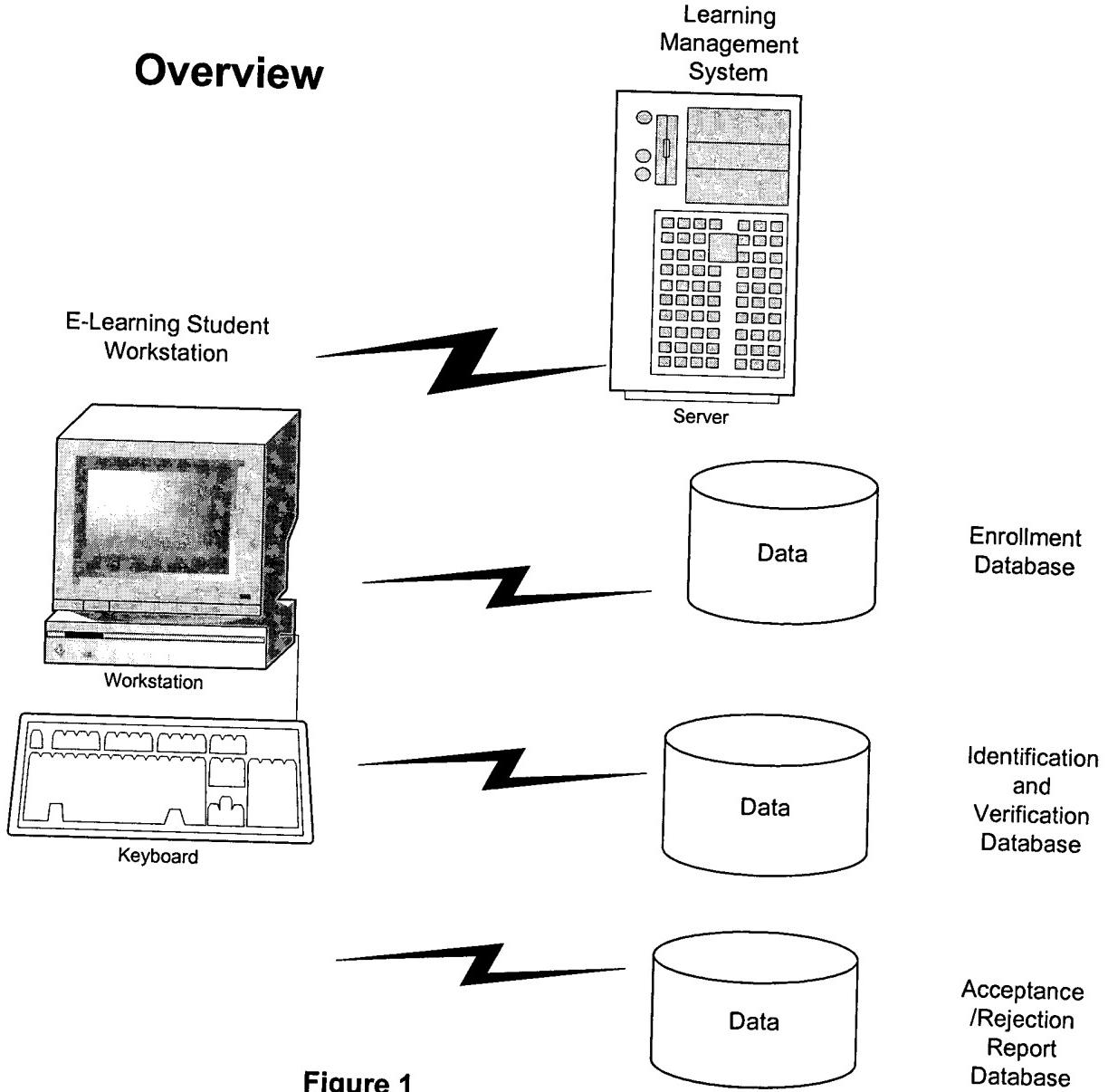


Figure 1

**E-Learning Biometric Identification Information System
Process Flow**

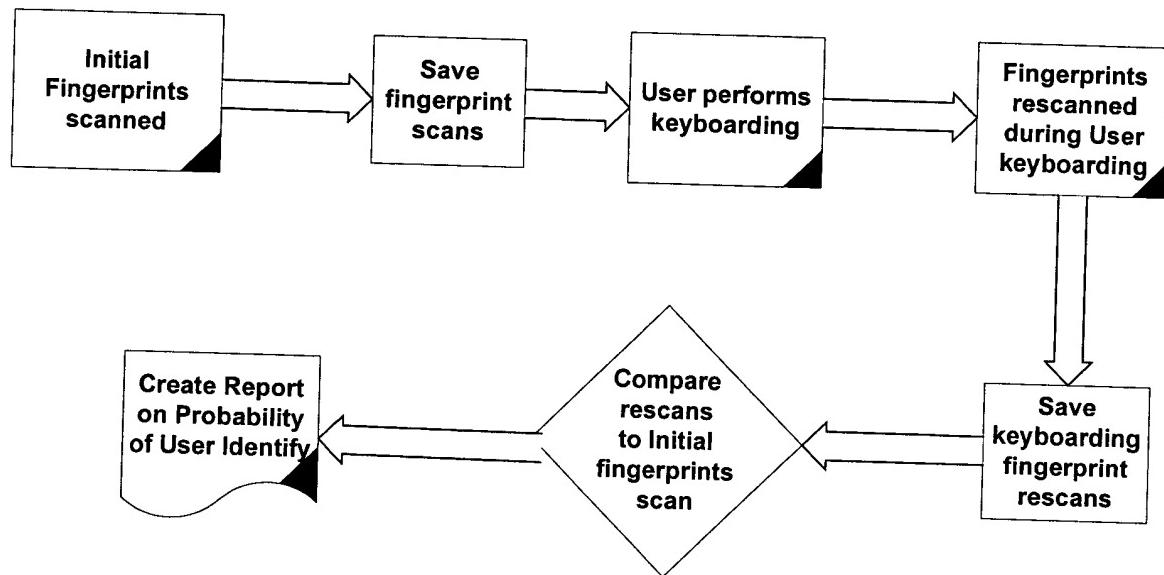


Figure 2

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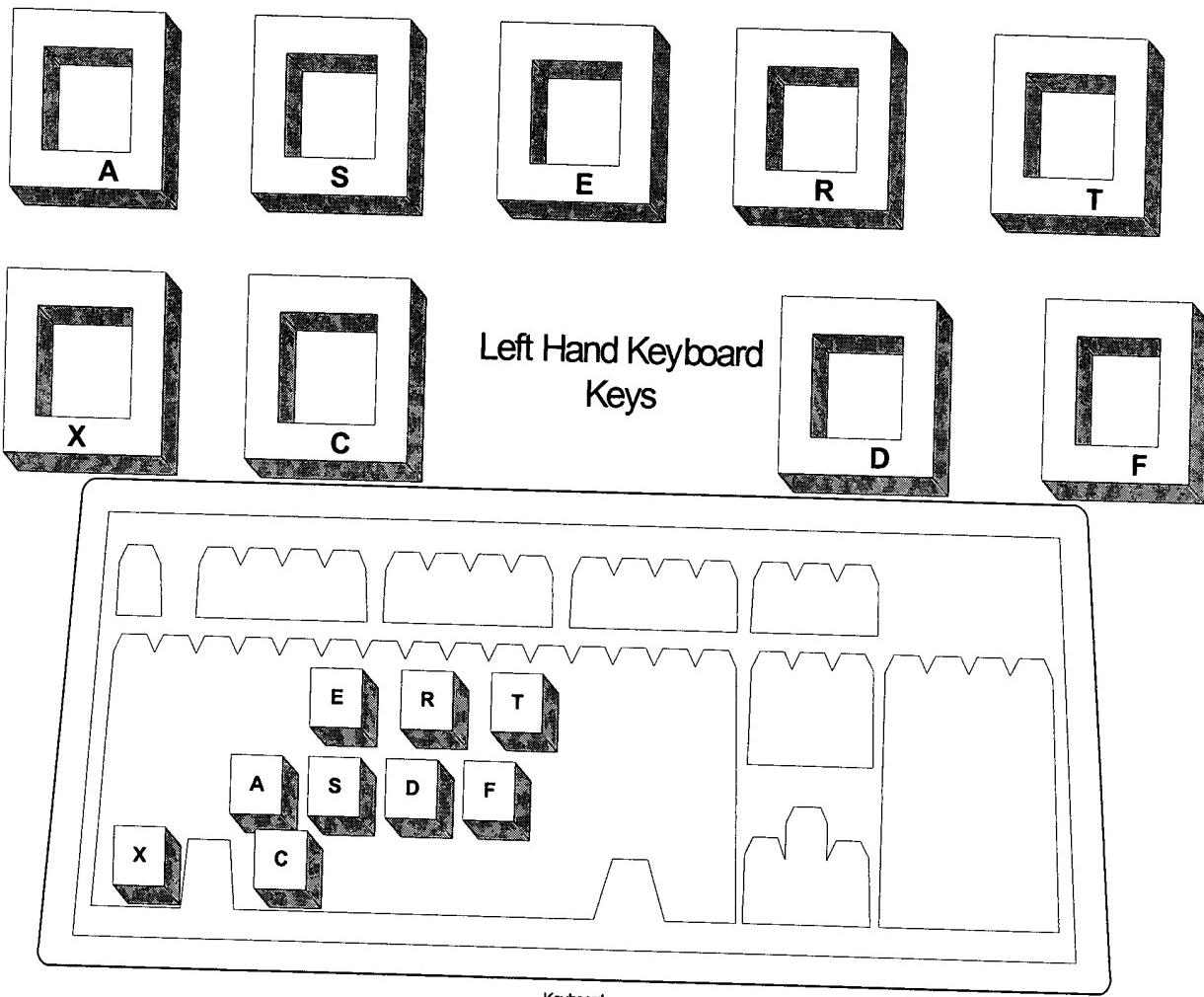
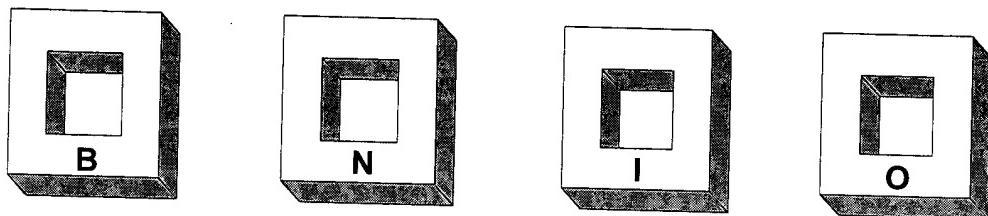
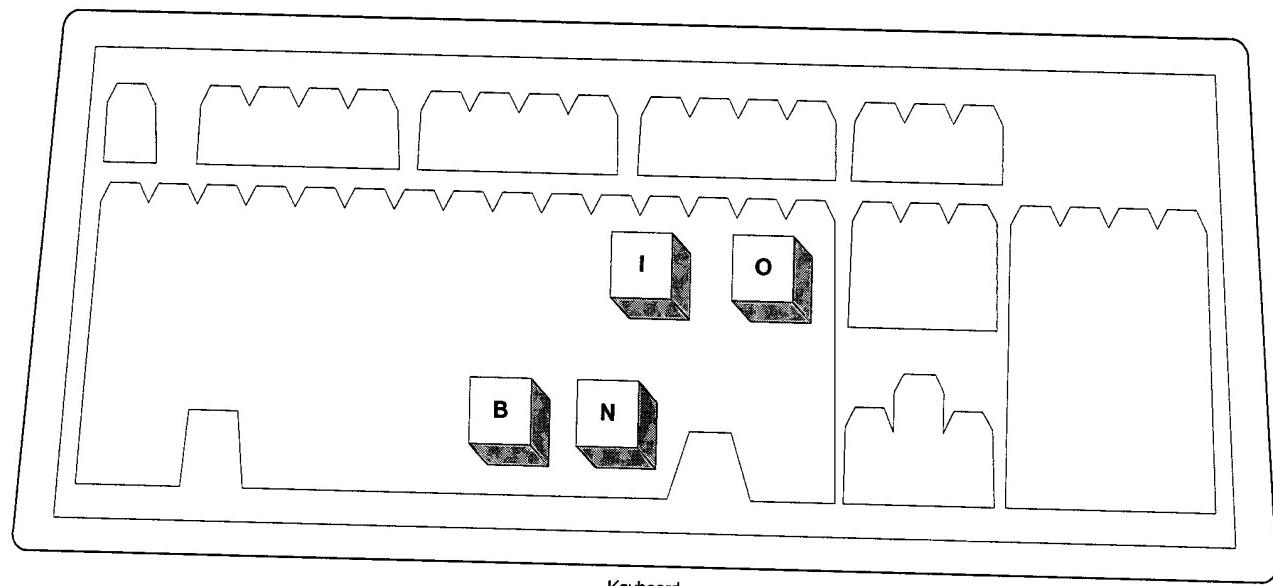


Figure 3



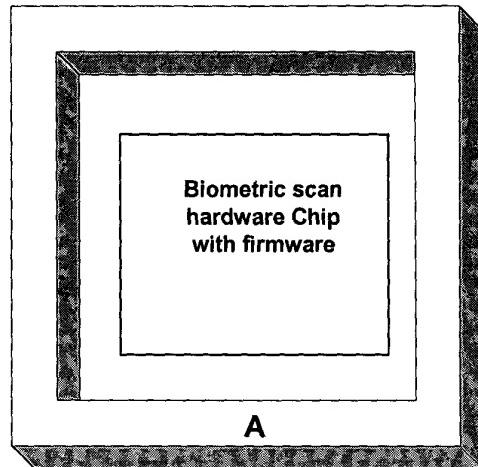
Right Hand
Keyboard Keys



Keyboard

Figure 4

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The keyboard key contains a transparent top cover. Below the transparent cover is the Biometric scan hardware and firmware. The hardware consists of an Authentec EntrePad AES3400 Fingerprint Sensor, Biometric Scan chip. The firmware contains scan, capture, transport to storage for analysis by fingerprint software.

Components are as follows:

EntrePad AES3500 Fingerprint Sensor Module
Matching Algorithm (for fingerprint sensor)
Software Suite

Figure 5

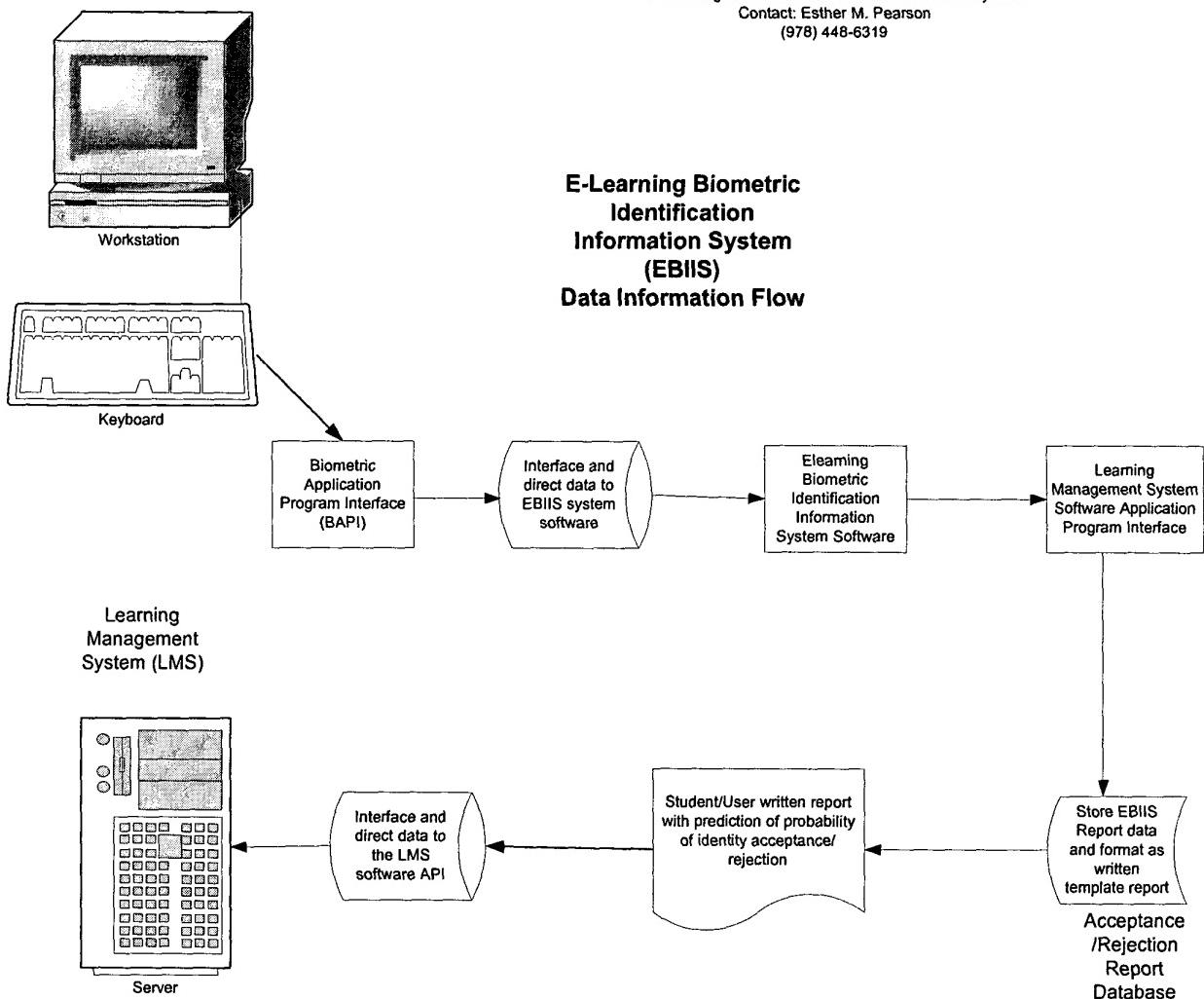
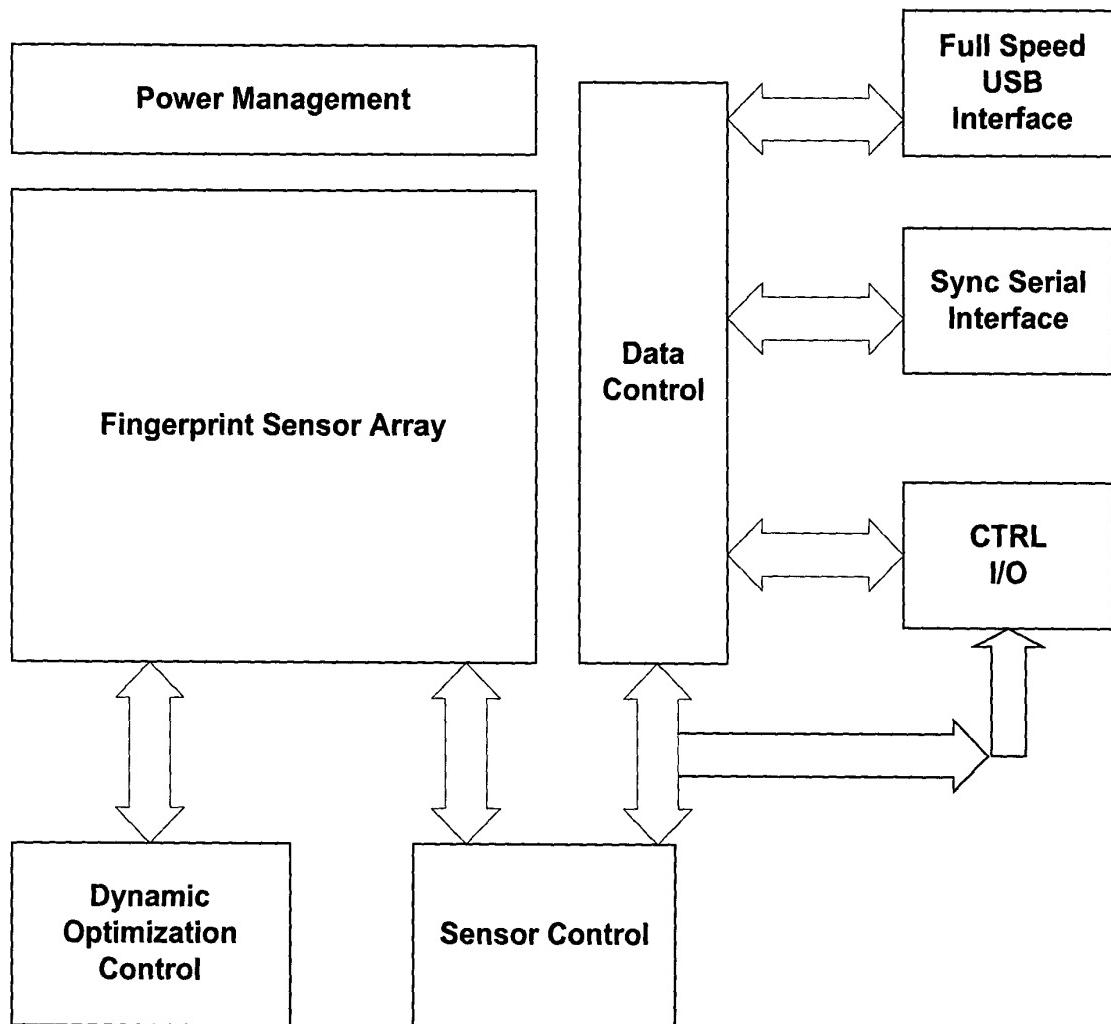


Figure 6



EntrePad Fingerprint Sensor Bus Architecture by Authentec

Figure 7